

## Geometry – Unit 6 Performance Assessment

- You will design a board game to show your understanding of the quadrilaterals. You may work in groups of 1, 2, or 3. If you work in a group of 4, then you must make two games.
  - Your game may be based on any board game, or a creation of your own.
  - The game must require the players to display the knowledge of quadrilaterals.
  - Your game must include at least 4 questions from all 6 topics that we learned during this chapter:
    - Polygons
    - Properties of Parallelograms
    - Proving quadrilaterals are parallelograms
    - Rhombuses, rectangles and squares
    - Trapezoids and kites
    - Special quadrilaterals
  - Aside from the game, YOU MUST ALSO TURN IN all problems with worked out solutions to each question in the game. You may use problems from your text, from the internet, or make up your own problems. YOU MAY NOT USE ANY PROBLEMS FROM YOUR NOTES OR ASSIGNMENTS.
  - You will need to record your game directions and turn them in.
  - As part of your assessment, you must also turn in a completed record of the work done by each member of your group. Each person must be complete an evaluation of his/her group members.
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- ❖ This assessment is worth **250 points** – your best work is expected!
  - ❖ This is an outside of class project. You will do 99% of the work outside of class. Choose your partner and project wisely.
  - ❖ **DUE DATES:**
    - **Friday, March 22<sup>nd</sup>** – You must identify your group members and a plan for the game you will be making.
    - **Monday, March 25<sup>th</sup>** – This will be a work day in class. Bring your supplies and be prepared to work! The group rules and directions for the game need to be turned in on this day!!
    - **Wednesday, March 27<sup>th</sup>** – Your game needs to be completed!! There is no ICU list for this game. The deadline is the deadline! If your game isn't ready on this date, the HIGHEST score you will be able to achieve is 80%.

<i>Grading Criteria</i>				
<b>Creativity and Effort (30 pts)</b>	<b>0 points</b> The game is not complete. The group did not create an interesting and unique plan for their game.	<b>10 points</b> The group has completed the game, but did not use creativity to make the game complete. The group did not use the work day to work on the project.	<b>20 points</b> The group has completed the game, but did not add creative elements to make the game unique. They used only part of the work day to work, and were off task the rest of the time.	<b>30 points</b> The group has fully thought-out and constructed a unique game. They utilized the class work day to work on this project.
<b>Game complete (65 pts)</b>	<b>0 points</b> All parts of the game are not complete. The group has not created rules and directions for the game.	<b>20 points</b> A majority of the parts of the game are not complete. The group has not created rules and directions for the game.	<b>40 points</b> Most parts of the game are complete, but the game is not finished. The group has created and turned in vague rules and directions for the game.	<b>65 points</b> The game has a board and game pieces that are complete. The group has thoughtfully created and recorded rules and directions for the game.
<b>Number of Questions (60 pts)</b>	<b>0 points</b> The group has not included any questions from the 6 topics of the Unit.	<b>20 points</b> The group has completed less than 2 questions for each of the 6 topics of the Unit or included 2 or less of the 6 topics of the Unit.	<b>40 points</b> The group has completed either less than 4 questions for each of the 6 topics of the Unit or included only 4 topics of the 6 topics of the Unit.	<b>60 points</b> The group has included 4 questions or more for each of the 6 topics of the Unit.
<b>Solutions (70 pts)</b>	<b>0 points</b> The group does not hand in or complete solutions to the game questions.	<b>20 points</b> The group has completed solutions to the questions, but the solutions do not show work or are not accurate.	<b>45 points</b> The group has written out solutions to the questions, but the solutions are missing some information or not accurate.	<b>70 points</b> The group has completely written out all solutions of their questions correctly.
<b>Group Evaluations and Teamwork (25 pts)</b>	<b>0 points</b> The group member did not complete the evaluation form. The group did not work well together.	<b>10 points</b> The group member completed the evaluation form for his/her group mates. The group did not work well together.	<b>15 points</b> The group member has completed the evaluation form for his/her group mates. The group had some struggles with teamwork.	<b>25 points</b> The group member has completed the evaluation form for his/her group mates. The group has worked together to complete the project.